

39927. TRITICUM DICOCCUM Schrank. Poaceæ. Emmer.

From Bombay, India. Presented by Mr. Henry D. Baker, American consul, who secured it from Mr. Frank Harrison, Bombay. Received September 11, 1914.

"Seeds of wild Kathiawar wheat, which is supposed to be the original parent of all wheats in the world, from the district of Kathiawar, on the west coast of India, north of Bombay, and in the Bombay Presidency." (*Baker.*)

"This wheat grows wild in Kathiawar, a very dry tract on the west coast of India, north of Bombay. It is said that all wheats in existence can be traced back to this stock and that it spread from India westward via Chaldea (Mesopotamia) and Egypt thousands of years ago. Natives who eat this wheat declare it is more palatable and has a better food value than any of the modern varieties grown in India. It has great drought-resisting properties and should do well in the arid tracts of the Southern States of America. Natives collect this wheat in the jungle and separate it from the straw by treading, i. e. cattle are made to walk over it in a circle until the grain is separated from the straw. They then pass the grain through hand querns, in order to get rid of the chaff, or husk, which is very thick. We find, however, that a rice huller manufactured by an American firm will hull it in a most satisfactory manner." (*Harrison.*)

"A variety of white spring emmer, such as is commonly grown in our Northwestern States. It is interesting, however, to have the opinion of the natives concerning it." (*M. A. Carleton.*)

39228 to 39260. ZEA MAYS L. Poaceæ. Corn.

From Copacabana, Peru. Presented by Capt. James W. Tynan, Puno, Peru. Received September 15, 1914.

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| 39228. Dark red. | 39243. Red and white variegated. |
| 39229. Red. | 39244. Light variegated. |
| 39230. Yellow. | 39245. Dark red and yellow variegated. |
| 39231. Yellow. | 39246. White. |
| 39232. Red and white banded. | 39247. Maroon and white banded. |
| 39233. Red and white variegated. | 39248. Faint yellow. |
| 39234. Yellow. | 39249. Yellow and gray. |
| 39235. White. | 39250. Red and white banded. |
| 39236. Orange endosperm. | 39251. Yellow. |
| 39237. Maroon and white banded. | 39252. Red. |
| 39238. Yellow. | 39253. Maroon. |
| 39239. Cream. | 39254. Orange and yellow. |
| 39240. Mottled yellow and black. | 39255. Red pericarp. |
| 39241. Blue and white aleurone. | 39256. Cream. |
| 39242. Cream. | 39257. Light yellow. |
| | 39258. Red and yellow variegated. |
| | 39259. Dark yellow. |
| | 39260. Cream. |

39261. PHYLLANTHUS ACIDA (L.) Skeels. Euphorbiaceæ.

(*Phyllanthus distichus* Muell. Arg.)

From Guayaquil, Ecuador. Presented by Mr. Frederic W. Goding, American consul general. Received September 17, 1914.